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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/762,349	01/23/2004	Seong Do Gim	LT-0044	4859
34610 7590 05/02/2008 KED & ASSOCIATES, LLP P.O. Box 221200 Chantilly, VA 20153-1200				
EXAMINER				
DUNN, MISHAWN				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/762,349

Applicant(s)

GIM, SEONG DO

Examiner

MISHAWN DUNN

Art Unit

2621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 January 2008.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 and 19-24 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-17 and 19-24 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 23 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 3/08
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-17 and 19-24 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-14, 16-17, and 19-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Tomita et al. (EP 0375365).
4. Consider claim 1. Tomita et al. teaches a method for setting a signal processing mode for reproduction of signals in an apparatus, comprising: detecting a type of a received signal from an external device; comparing the detected signal type with a display mode stored in the apparatus to determine whether the detected signal type corresponds to the display mode; and setting the signal processing mode of the apparatus to a signal processing mode based on the result of the comparison, wherein the display mode and the signal processing mode have the same resolution (col. 3, lines 5-11; col. 4, lines 35-49; col. 5, lines 6-11 and lines 27-31; col. 8, lines 40-46).
5. Consider claim 2. Tomita et al teaches the method according to claim 1, wherein the received signal is a video signal (col. 4, lines 54-55)

6. Consider claim 3. Tomita et al. teaches the method according to claim 1, wherein the signal processing mode is one of an NTSC mode or a PAL mode (col. 5, lines 6-11 and lines 27-31).

7. Consider claim 4. Tomita et al. teaches the method according to claim 1, wherein setting the signal processing mode of the apparatus to a signal processing mode based on the result of the comparison comprises setting the signal processing mode of the apparatus to a mode corresponding to the display mode when it is determined, based on the result of the comparison, that the detected signal type corresponds to the display mode (col. 5, lines 6-11 and lines 27-31).

8. Consider claim 5. Tomita et al. teaches the method according to claim 1, wherein setting the signal processing mode of the apparatus to a signal processing mode based on the result of the comparison comprises: updating the stored display mode with data corresponding to the broadcast signal type; and setting the signal processing mode of the apparatus to a mode corresponding to the detected signal type when it is determined, based on the result of the comparison, that the detected signal type does not correspond to the display mode (col. 5, lines 6-11 and lines 27-31; col. 8, lines 40-46).

9. Consider claim 6. Tomita et al. teaches the method according to claim 5, wherein setting the signal processing mode of the apparatus to a signal processing mode based on the result of the comparison comprises setting the signal processing mode of the apparatus to a mode corresponding to the stored display mode when it is determined, based on the result of the comparison, that the detected signal type does not

correspond to the display mode, when the display mode has been updated by a user (col. 5, lines 6-11 and lines 27-31; col. 8, lines 40-46).

10. Consider claim 13. Tomita et al. teaches an apparatus, comprising: a receiver unit configured to receive a signal from an external device; a processor configured to process the signal received by the receiver; a reproduction device configured to reproduce the signal, wherein the processor is further configured to detect a type of the received signal, compare the detected signal type with a stored display mode to determine whether the detected signal type corresponds to the display mode, and set the signal processing mode of the apparatus to a signal processing mode based on the result of the comparison, wherein the display mode and the signal processing mode have the same resolution (col. 3, lines 5-11; col. 4, lines 35-49; col. 5, lines 6-11 and lines 27-31; col. 8, lines 40-46; figs. 2 and 4A-B).

11. Consider claim 14. Tomita et al. teaches the apparatus according to claim 13, further comprising a memory in which the display mode is stored (fig. 2, 20).

12. Consider claim 24. Tomita et al. teaches the apparatus of claim 13, wherein the external device is a monitor (col. 6, lines 54-57)

13. Claims 7-12, 16, 17, and 19-23 are rejected using similar reasoning as the corresponding claims above.

Claim Rejections - 35 USC § 103

14. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

15. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tomita et al. (EP 0375365) in view of Maruta et al. (EP 0301809).

16. Consider claim 15. Tomita et al. teaches all claimed limitations as stated above, except an optical apparatus.

However, Maruta et al. teaches an optical apparatus (abstract)

Therefore, it would have been obvious to one with ordinary skill of the art, at the time the invention was made, to carry out such a substitution, in order to have reasonably predictable results.

Conclusion

17. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MISHAWN DUNN whose telephone number is (571)272-7635. The examiner can normally be reached on Monday - Friday 7:30 aM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thai Tran can be reached on (571)272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MISHAWN DUNN/
Examiner, Art Unit 2621
April 25, 2008

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621

